



# 2019-nCoronavirus Outbreak

What is Relevant for New Hampshire Schools?

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# Background

- 31 Dec 2019: WHO China Country Office was informed about cases of pneumonia of unknown etiology in Wuhan City, Hubei Province
  - Dec 1 estimated first human case
- 7 January 2020: novel beta coronavirus 2019-nCoV
- 2019-nCoV is 7<sup>th</sup> member of family that infect humans
  - 4 (229E, OC43, NL63, HKU1) cause 10-30% of common colds in adults worldwide
  - 2 (SARS-CoV [2002] and MERS-CoV [2012]) are zoonotic and linked to severe and fatal illness

Report of novel coronavirus-infected pneumonia in Wuhan City. Wuhan Municipal Health Commission, 2020  
<http://wjw.wuhan.gov.cn/front/web/showDetail/2020012009077>.



# Current Epidemiology (3 Feb 2020)

- In China, >17,000 lab-confirmed cases
  - 362 deaths (2%)
- >150 confirmed exported cases in 23 countries
  - 11 in US: WA, IL, CA, AZ, MA (Boston)
    - One case of secondary transmission
  - No international case reported contact with South China Seafood City market or any ill person in Wuhan
  - Asymptomatic transmission confirmed

<http://www.cidrap.umn.edu/news-perspective>

<https://www.who.int/emergencies/diseases/novel-coronavirus-2019/situation-reports>



# Pandemic Potential

- Leading infectious disease experts including the NIH's Dr. Anthony Fauci and former CDC director Dr. Thomas Frieden have raised the prospect that the 2019-nCoV outbreak may not be controllable and appears to have pandemic potential
- Dr. Fauci is quoted by the NYT as saying, “It’s very, very transmissible, and it almost certainly is going to be a pandemic, [...] But will it be catastrophic? I don’t know.”



# Global and U.S. Response

- January 30: World Health Organization declared a Public Health Emergency of International Concern
- January 31: U.S. Health and Human Services (HHS) Secretary Alex Azar declared that the 2019-nCoV presents a public health emergency in the United States
  - Presidential Proclamation
- Repatriation for Americans in Wuhan
- February 2, 2020 5:00pm EST: Other measures to contain



# Coming From China

- Americans flying to the United States from China will be re-routed to the following airports at no cost to the traveler:
  - John F. Kennedy International Airport (JFK), New York;
  - Chicago O'Hare International Airport (ORD), Illinois;
  - San Francisco International Airport (SFO), California;
  - Seattle-Tacoma International Airport (SEA), Washington;
  - Daniel K. Inouye International Airport (HNL), Hawaii;
  - Los Angeles International Airport, (LAX), California;
  - Hartsfield-Jackson Atlanta International Airport (ATL), Georgia;
  - Dalla, Detroit, Newark, Dulles added Feb 2.
- American air travelers should be aware that if they have been to China in the last 14 days, they will be routed through one of seven (11) airports to undergo enhanced health screenings
- Any individual traveling from China who has either been in Hubei Province or other areas of the mainland and is showing symptoms associated with the virus will be screened and subject to mandatory quarantine by medical professionals at a nearby facility
- If a traveler who spent time in China, but outside the Hubei province, is re-routed through one of the seven airports and shows no symptoms following a health screening, they will be re-booked to their destination and asked to “self-quarantine” at their homes.



# Prevent Spread if Already Arrived

- Message your community to identify any persons who have been in China in the previous 14 days
- An example message provided . . .



# NH DPHS is Requesting

- “Any person who has travelled to Hubei Province within the last 14 days, even if they are without symptoms, should **stay home** for 14 days from their last day in China, and contact the NH DPHS at 603-271-4496 (after-hours: 603-271-5300), so that NH DPHS can assist them with monitoring for any potential illness;
- Any person who has travelled to mainland China other than Hubei Province within the last 14 days, even those without symptoms, should **stay home** for 14 days from the last day of travel to China, and monitor themselves for fever and respiratory illness such as cough or shortness of breath. If travelers do develop fever or respiratory illness within 14 days of their departure from China, they should contact NH DPHS at 603-271-4496 (after-hours: 603-271-5300).”





# General Population “Stay at Home”

- Stay home from school or work;
- Distance themselves from other household members (stay  $> 6$  feet away) while at home;
- Avoid public places, especially mass gatherings and events, public transportation, stores, church, parties, etc.; and
- Avoid any further travel until their monitoring period is over.



# Residential School “Stay at Home”?

- A private room with a private bathroom
  - Multiple people under monitoring may be housed together in a shared room or have a shared bathroom;
- A private entrance; and
- Access to food and other essentials without the person having to go to public places (e.g., dining halls, cafeterias, etc.)



# Frequently Asked Questions

- Do school events need to be canceled?
  - No. There are no cases of 2019-nCoV in NH and no restrictions on public gatherings
    - Any planned international trips should be considered in light of the travel advisory/restrictions
- Should we change cleaning procedures?
  - Follow standard procedures for routine cleaning and disinfecting with an EPA-registered product
  - Daily sanitizing surfaces and objects that are touched often, such as desks, countertops, doorknobs, computer keyboards, hands-on learning items, faucet handles, phones and toys



# How Can We Prepare?

- Enhance travel screening at health services and provide a mask to students who present to health services with respiratory illness
- Clinicians should be aware of infection prevention procedures
- School nurses should continue to monitor for clusters of respiratory illness among students and staff
- Have respiratory hygiene supplies on hand for staff and students
  - Masks, soap, tissues, hand sanitizers, trash baskets
- Develop pandemic and outbreak plan, share with stakeholders
- Prepare to offer home instruction to students
- Monitor information and establish relationship with public health and identify points of contact



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ILLNESS WITHIN 14 DAYS OF THEIR DEPARTURE  
FROM CHINA SHOULD NOTIFY NH DPHS  
IMMEDIATELY BY CALLING 603-271-4496  
(AFTER-HOURS: 603-271-5300).



USE Q+A FUNCTION FOR  
QUESTIONS.





# Thanks

For any questions or concerns call NH Division of  
Public Health Services:

603-271-4496



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